

Starrco Modular Office - Fire Resistance Specifications

Terms and Definitions

Flame Spread	Indicates the surface burning characteristics of building materials when tested in accordance to ASTM-E-84. The range for the flame spread is from 0 to 200. The lower the number the more fire resistant the material is considered to be.
Class A	Defines materials with flame spread of 0-25. Material in this range is considered to be noncombustible.
Class B	Defines materials with flame spread of 26-75.
Class C	Defines materials with flame spread of 76-200.
Smoke Density	Indicates the amount of smoke generated by the materials during the ASTM-E-84 test. The range for the smoke developed is from 0 to 500. The lower the number, the less amount of smoke the material is generating.

Products

Starrco offers a DL noncombustible panel construction. The DL panels have been tested in accordance to ASTM-E-84 (copies of the laboratory tests are available upon request):

Product	Flame Spread	Smoke Density
SS3000-DL Panel	19	7
SS3500-DL Panel	19	7

The other components of a Starrco Pre-Engineered office, i.e. suspended ceiling, dust cover, steel door and windows, are noncombustible. Incorporating the DL panels into the office design will create a system in which all the components are noncombustible.

Starrco's standard (SP) panels consist of 1/8" vinyl covered hardboard (with Class C rating) laminated to both sides of a Class A polystyrene core.

Starrco's sound control (SC) panels are manufactured with all Class C substrate materials laminated to both sides of a Class A polystyrene core.

Fire ratings defined by a time limit (like one or two-hour fire rated) generally do not apply to Pre-Engineered offices. Rated walls are normally used to separate one area from another or to protect entrance and exit points between areas.